

... For the sample document in Figure 3, this **hierarchy** looks similar to the document tree in the ... DB2 index manager has been enhanced to explicitly han- dle special values from the **XML** type system ...

If a **node** matches the **xml:pattern** but fails to cast to the specified index type, then ...

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[psu.edu \(PDF\)](#)

ROX: relational over **XML**

A Halverson, V Josifovski, G Lohman, H ... - Proceedings of the ..., 2004 - portal.acm.org

... However, if our **XML** documents have several levels of **hierarchy**, queries referencing only data at ... to the CREATE NICKNAME statement to hand back to the **database** engine. ... To implement the **PRIMARY_KEY** column option, we used an internally generated **XML node** identifier. ...

Cited by 35 - Related articles - BL Direct - All 7 versions

XML data stores: Emerging practices

A Vakali, B Catania, A ... - IEEE Internet ..., 2005 - doi.ieeecomputersociety.org

... describes each element's attributes and (optionally) attribute values; it might also describe element **hierarchies** and occurrences ... 11 Timber transforms the **XML** document into a parse tree, which it stores as ... a logical tree to a physical one using one of three **node** types: aggregate ...

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[psu.edu \(PDF\)](#)

[PDF] ... Zürich at INEX: Flexible information retrieval from **XML** with PowerDB-**XML**

T Grabs, HJ Schek - Fuhr et al.[78] - Citeseer

... Path expressions have the syntax /step/step/.../step. Starting at the root **node**, each step moves the current context through the **XML** ele- ment **hierarchy**. Each step has the form AxisSpec::Node- Test[Predicate] and its evaluation depends on the current context. ...

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LDAP: Framework, practices, and trends

V Koutsonikola, A Vakali - IEEE Internet Computing, 2004 - doi.ieeecomputersociety.org

... Another approach 5 maps **XML** DOM **nodes** to LDAP entries using LDAP object class definitions for **XML nodes**. ... The XMLLDAP gateway (<http://xml.coverpages.org> ... times depend on several factors, including: query filtering; where the search starts in the **data hierarchy**; the number ...

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[psu.edu \(PDF\)](#)

XQuery implementation in a relational **database** system

S Pal, I Cseri, O Seeliger, M Rys, G Schaller, ... - Proceedings of the ..., 2005 - portal.acm.org

... to the **XML** schema require a significant amount of maintenance of the **database** schema and ... of the **XML** instance, such as relative order of **nodes** and document **hierarchy**, are captured ... and the Path_ID column that contains the reversed, encoded path from an **XML node** to the ...

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